Diurnal period Current Profiles 0: Frequency Domain Analysis: 2001/7/20: 84 Days Amplitude Phase Differences -200-200

Center Frequency 0.9704 Bandwidth 0.3195 cpd 54 DOF
HB07 Mode No 1 Percentage of Total Variance 79.2
HB05 Mode No 1 Percentage of Total Variance 76.5
HB03 Mode No 1 Percentage of Total Variance 76.2
HBN2 Mode No 1 Percentage of Total Variance 89.0

Figure 12. Depth profiles of cross (U) and along (V) shore velocities from a frequency domain EOF analysis of diurnal period currents for the indicated moorings.